



**BUREAU
VERITAS**

Certificate

Manufacturer / applicant: Vaillant GmbH
Berghauser Straße 40
42859 Remscheid
Germany

Product type: Grid-tied photovoltaic inverter

Model: VPV I 3000/1 400V, VPV I 4000/1 400V, VPV I 5000/1 400V, VPV I 6000/1 400V

Ratings:	VPV I 3000/1 400V	VPV I 4000/1 400V	VPV I 5000/1 400V	VPV I 6000/1 400V
MPP DC voltage range [V]:	300 – 800	375 – 800	470 – 800	560 – 800
Input DC voltage range [V]:	250 – 1000			
Input DC current [A]:	max. 11			
Output AC voltage [V]:	400; 3/N @ 50 Hz			
Output AC current [A]:	max. 7		max. 10	
Output power [VA]:	3200	4000	5000	6000

The certificate refers to the stated model(s) which passed the tests according to the applicable standard(s):

IEC 62109-1:2010, EN 62109-1:2010, DIN EN 62109-1:2011

Safety of power converters for use in photovoltaic power systems – Part 1: General requirements

IEC 62109-2:2011, EN 62109-2:2011, DIN EN 62109-2:2012

Safety of power converters for use in photovoltaic power systems - Part 2: Particular requirements for inverters

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13TH0511-IEC62109-2_1

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Certification body



Holger Schaffer

Certification body of Bureau Veritas Consumer Products Services Germany GmbH
Accredited according to DIN EN.ISO / IEC 17065

